

These are space technology articles from pages 7 and 9 of First News. Can you match the keywords below the stories to their meanings? When you have identified each word, can you put them back into their correct place in the stories, so it makes sense?



SPACE TECHNOLOGY NEWS



Could we build a place like this on the moon one day using space piddle?

NEW research from the European Space Agency has shown that wee (yes, wee) could be used to make concrete on the moon for a lunar base station.

_____ the main substance in urine, apart from water, is the key. It would help to make a type of lunar concrete easier to _____ into the required shape before it sets.

The main ingredient in lunar concrete would be lunar _____, which is the loose, dusty stuff found on the moon's surface.

Adding urea to a mix of _____ regolith and water would make it

less thick to stir, which means astronauts wouldn't need to use as much water.

Being able to use only materials available on the moon when building a lunar base would be really helpful, as it would reduce the need to launch supplies from Earth.

We reckon it sounds like a wee-ly good idea!

INTRODUCING INGENUITY

IN _____ news, this special helicopter – the first craft to roam the skies of another planet – has been officially named.

NASA held a contest for American school pupils to come up with a name for their upcoming Mars rover. They selected Perseverance. But then they decided the helicopter accompanying _____ ought to have a name too, so they took another look at the 28,000 _____ and chose Ingenuity.

The word means the ability to think of clever new ways of doing something. Vaneeza Rupani, a student at a high school in Alabama, came up with the name. Perseverance and _____ will leave for the Red Planet in July.



Perseverance

Relating to the Red Planet (adjective 7)

Ingenuity

Shape (present participle 5)

Martian

The ability to think of clever ways of doing something (noun 9)

submissions

Determination; persistence in doing something despite difficulty or delay in achieving success (noun 12)

regolith

The layer of loose dust, broken rock, etc, that covers solid rock on the moon (noun 8)

lunar

Entries (plural noun 11)

urea

To do with the moon (adjective 5)

mould

A substance formed by the breakdown of protein in the liver, which the kidneys filter out of the blood and into the urine (noun 4)

SPORT



FOOTBALL RETURNS



South Korea's K-League has kicked off without spectators

FOOTBALL matches in South Korea resumed last week – the first league to kick off again after being suspended due to COVID-19.

The K-League season was meant to start on 29 February but it was delayed due to the spread of the new coronavirus. South Korea's government followed World Health Organization advice, operating a large-scale system of testing for the virus. This has helped them keep the number of infections down, and so the authorities allowed the football league to start on Friday 8 May.

But it's not a case of "business as usual". Matches are played in empty stadiums, players' temperatures are checked and coaches and substitutes wear face masks. Big goal celebrations are banned and players are warned not to talk to each other or to the referee up close. Pre-recorded crowd noise is being played through speakers inside the stadium to create a bit of atmosphere.

There are 1,100 K-League players and staff, and they have all

tested negative for COVID-19. However, if anyone is found to have the virus, the entire team will not be allowed to play for two weeks.

The first match of the season saw the reigning champions, Jeonbuk Motors, beat Suwon Bluewings 1-0 with a goal scored just six minutes from time by Lee Dong-Gook, who is aged 41.

As First News went to press, Germany's Bundesliga was due to restart on Saturday 16 May, despite two players at one second division club testing positive for COVID-19. The entire Dynamo Dresden squad and coaching staff have been ordered to self-isolate for two weeks.

Only four football leagues have continued playing throughout the pandemic: those in Belarus, Burundi, Tajikistan and Nicaragua.

SPORT IN NUMBERS

20

October is when cycling's Vuelta a España (Tour of Spain) will begin, but stages in Portugal and the Netherlands have been cancelled. Organisers say the route will have to be modified due to the COVID-19 pandemic. The 2019 race was won by Primož Roglič of Slovenia (below).



1

June is when professional sport in England could return. The UK Government has announced this is the earliest possible date sporting events such as rugby union (above) could resume. But it depends on how low the COVID-19 infection rate is, and whether athletes and coaches are happy to return.

800

professional tennis players will benefit from a new fund set up to support those affected by the COVID-19 pandemic. Although many tennis pros are very wealthy, hundreds rely on their match fees to make a living. The £5 million fund will be split between male and female players. Professional tennis is suspended until 13 July at the earliest.



Questions on – Sport: ‘Football returns’ and ‘Sport in Numbers’



GLOSSARY

K-League – South Korea’s professional association football league including the first division K League 1 and the second division K League 2
Lee Dong-Gook – A South Korean

professional footballer who plays as a striker for Jeonbuk Motors. He is a record scorer in K League 1
Bundesliga – A professional association football league in Germany

Questions on ‘Football returns’

Part A: Find and explain the facts

A1. Answer the following quick-fire questions.

<p>What is the first football league to kick off again after being suspended due to COVID-19?</p>	<p>.....</p> <p>.....</p> <p>.....</p>
<p>When would the league have started if the COVID-19 lockdown hadn’t occurred?</p>	<p>.....</p> <p>.....</p> <p>.....</p>
<p>When did it start?</p>	<p>.....</p> <p>.....</p> <p>.....</p>
<p>Which four football leagues continued playing throughout the pandemic?</p>	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>

A2. Which team won the first match of the season?

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A3. When is Germany’s Bundesliga due to restart?

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Part B: Deduce and infer information

B1. What has enabled the South Korean authorities to allow their football league to start back already?

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B2. Although the league has started, why is it not a case of “business as usual”?

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B3. Suggest why Lee Dong-Gook’s age is mentioned.

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B4. Why is it significant that in Germany, the entire Dynamo Dresden football squad has been ordered to self-isolate for two weeks?

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Part C

C1. Comment on the choice of pictures. How do they support the article?

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